

Date of Experiment on Acute Toxicity of P1 55
Double-Coptis Chinensis Oral Liquid Toxicity,
Healthy Respiration

**The Research Institute, Second Traditional Chinese
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Experimental materials

1. **Medicine:** Double Copts Chineminisis Oral Liquid, produced by Harbin Huili Drug Company limited. Lot No. 950912.
Function and indications: Cool and reduce sweet, antipyretic and detoxicate. Relief fever, coughs and sore throat.
Directions: Take this medicine 20ml each time orally, three times a day. Children need to reduce dose or call doctor.
Standards: Each 10ml equal to 15g raw medicine.
Animals: Give this medicine to, five males and five females of mice, weight 19-21g.
2. **Animals:** Kunming rats, provided by Animal house of Heilongjiang Tumor Research Institute.
Methods and result:
 - 1) Pre-experiment
Taking ten mice, weight 19-21g, half males and half females, Pour medicine down to their stomach. 0.8ml/mice.
The result of obsverion: The mice were still alive in seven days and did not have any abnormal phenomena, not measure LD50 could be detected.
 - 2) Measurement of the greatest endurance
Give this medicine to weight 18-22g, five males and five females mice, Pouring medicine down to their stomach. 1ml for each and give them 3 times in 24 hours. (At the greatest concentration and the greatest volume)
The result of obsverion: The mice didn't have any abnormal phenomena when giving the medicine at first time. But at the second time, the animals became quiet and were not as active as before. At the third time, the animals still were not active, no other abnormal phenomena. Next day they resumed their normal activities. The scientists didn't find any died animals in seven days. This time the dose was 150ml/kg, equals to raw medicine225g/kg, was the 125 times in clinical.

A brief sum-up:

It is safe to take Double Copts Chineminisis Oral Liquid orally.
greatest endurance of mice is not lower than raw medicine 225g/kg,
equals to 125 times in clinical for human.